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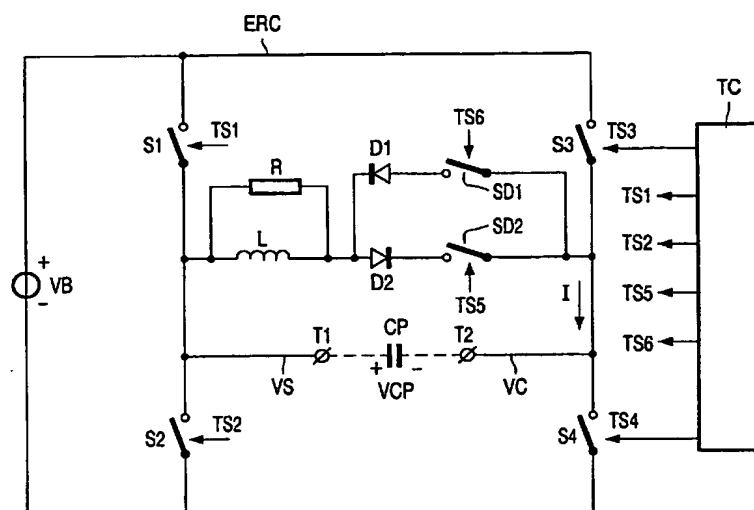
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(54) Title: PLASMA DISPLAY APPARATUS



(57) Abstract: A plasma display apparatus comprises a waveform generator (WG) coupled between first and the second electrodes (SE1, CE1) to supply, across plasma cells (PCij), a sustain voltage (VCP) with slopes comprising a main part (MA) and a minor part (MI) succeeding the main part (MA). The main part has a duration longer than a formative time 5 lag (FTL) of the plasma cells (PCij), and the minor part has a smaller amplitude than the main part (MA). The plasma cells (pCij) are ignited and sustained by the minor part (MI). The main part (MA) has less steep slopes than the prior-art waveform. Consequently, the EMI produced by the main part (MA) will be at a lower frequency. The minor part (MI) has an amplitude which is relatively low and thus does not add considerably to the EMI, even 10 when its slopes are relatively steep. As the plasma is neither ignited nor sustained by the main part (MA), the main part (MA) further has a lower amplitude than the slope of the prior art and thus produces less EMI.

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# INTERNATIONAL SEARCH REPORT

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y A	US 4 140 945 A (TROGDON RAY L) 20 February 1979 (1979-02-20) abstract column 3, line 19 - line 29 column 4, line 8 - line 20 column 5, line 26 - line 48 column 6, line 5 - line 54; figures 1-3	1,2,4-6, 12,13 7-10 11
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☒ Further documents are listed in the continuation of box C.

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